

KSF BASKET STRAINERS

GENERAL

1	Identification (KKS)		Size of body	5
2	Nominal Diameter	DN100	Rating	16 bar
3	KKS (line)		DN	100,0
4	Design codes	ADW2000-Merkblatt / PED 2014/68/EU		
5	Model identification	KSF		
6	Fluid filtered			
7	Service			

TYPE OF CONNECTIONS

8		DN	Rating		
9	INLET	100	PN16		
10	OUTLET	100	PN16		
11	Drain	3/8"	N/A		
12	Vent	1/4"	N/A		
13	Differential pressure	1/4"	N/A		

OPERATING AND DESIGN PARAMETERS

DESIGN CONDITIONS		OPERATING CONDITIONS	
15	Pressure	10/16 bar (clamp/bolt)	Pressure bar g
16	Temperature	(-10) - (+200*) °C	Temperature °C
17	Flow	70 m³/h	Flow kg/h
18	Pressure drop		Pressure drop
19	ΔP clean filter	0,05 bar (≥100µm)	ΔP clean filter 0,05 bar (≥100µm)
20	ΔP dirty filter	2 bar (basket design pressure)	ΔP dirty filter bar
21	Noise level	N/A - no source of noise	Noise level N/A - no source of noise

DESCRIPTIVE CHARACTERISTICS

22	LOCATION OF EQUIPMENT	<input type="checkbox"/> Outside <input type="checkbox"/> Inside <input type="checkbox"/> Other
23	FILTER ELEMENT	
24	Type	Basket
25	Basket area	950 cm²
26	Grade of filtration	20-10000µm
27	MATERIALS	
28	Body	EN-GJS-500-7 / GGG-50 / BS 500-7 / ASTM 536 80-55-06 / JIS FCD 500-7
29	Cover	EN-GJS-500-7 / GGG-50 / BS 500-7 / ASTM 536 80-55-06 / JIS FCD 500-7
30	Gasket	NBR*
31	Vent & Drain plug	SS316ti
32	Studs	Steel, galvanized
33	Nuts	Steel, galvanized
34	Screen	SS316
35	Perforated plate	SS316

ACCESSORIES

36	Pressure drop indicator	<input type="checkbox"/> Yes <input type="checkbox"/> No
37	Magnetic filter insert	<input type="checkbox"/> Yes <input type="checkbox"/> No

TESTS AND NON DESTRUCTIVE EXAMINATIONS

	SCOPE	APPLICABLE RULE
38		
39	Hydrostatic Test <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	AD2000-Merkblatt / PED 2014/68/EU
40	Visual inspection <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 100 %	
41	CE- Declaration of Conformity <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Operating data is necessary !	PED 2014/68/EU
42	Others <input type="checkbox"/> Yes <input type="checkbox"/> No	
43		
44	Information	Foundry certified by LR / Lloyds

COATING

45	INTERNAL	Anti-corrosion primer
46	EXTERNAL	Epoxy paint RAL 5010 blue

DIMENSIONS AND WEIGHT

47		Dimensions	
48		A	324,0 mm
49		B	317,0 mm
50		C	450,0 mm
51		D	570,0 mm
52		E	14,0 mm
53		F	216,0 mm
54		Weight	42,0 kg

REMARKS

55	* Standard is NBR with a range of temperature from (-10) - (+100) °C; FKM with (-10) - (+200)°C on request.
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60	01/2017 © by Krone Filter Solutions GmbH, subject to change